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(71) Applicants (for all designated States except US):
UNIVERSITY OF PITTSBURGH OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION [US/US]; 200 Gardner Steel Conference Center, Pittsburgh, Pennsylvania 15260 (US). **CARNEGIE MELLON UNIVERSITY** [US/US]; Innovation Transfer Center, 4615 Forbes Avenue, Suite 302, Pittsburgh, Pennsylvania 15213-3890 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **SFEIR, Charles**

[US/US]; 2413 Traci Drive, Pittsburgh, PA 15237 (US). **CAMPBELL, Phil** [US/US]; 2 Reedmoor Lane, Pittsburgh, Pennsylvania 16066 (US). **JADLOWIEC, Julie, A.** [US/US]; 392 Friday Road, Pittsburgh, PA 15209 (US). **KUMTA, Prashant** [US/US]; 125 ValleyView Drive, Pittsburgh, Pennsylvania 15215 (US).

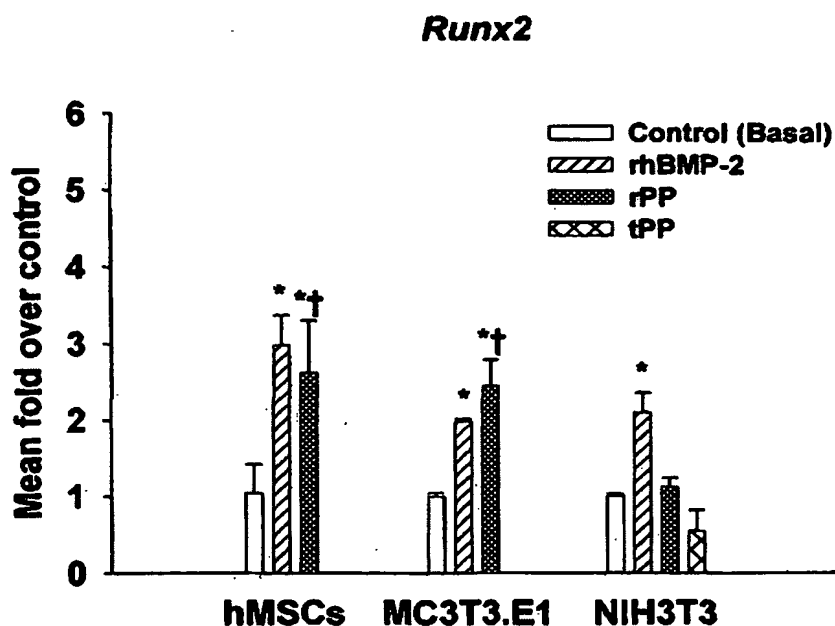
(74) Agent: **HEFNER, Daniel, M.**; Leydig, Voit & Mayer, Ltd., Two Prudential Plaza, Suite 4900, 180 North Stetson Avenue, Chicago, Illinois 60601-6780 (US).

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[Continued on next page]

(54) Title: METHOD OF INDUCING BIOMINERALIZATION, METHOD OF INDUCING BONE REGENERATION AND METHODS RELATED THEREOF



(57) Abstract: A method of inducing biomineralization in a tissue, which method comprises administering to the tissue a source of Phosphophoryn (PP) in an amount sufficient to induce biomineralization; a method of treating tooth sensitivity or injured pulp tissue; a method of inducing differentiation of a cell into an osteogenic cell or odontogenic cell; a method of inducing bone or dentin regeneration; a method of inducing periodontal regeneration; a method of inducing differentiation of a cell into a cementoblast, osteoblast, or periodontal ligament cell; and a composition comprising a source of PP and a carrier.



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